

Figure 1 A

Map position	Description	Length	# of mutations	
			AD	Control
213-235	CSB I	22	7	0
233-260	mtTFA	27	5	4
276-303	mtTFA	27	5	1
299-315	CSB II	16	2	3
346-363	CSB III	17	1	1
392-445	LSP	53	8	1
418-445	mtTFA	27	4	0
523-551	mtTFA	27	3	0
545-567	HSP	22	1	0

Figure 1 B

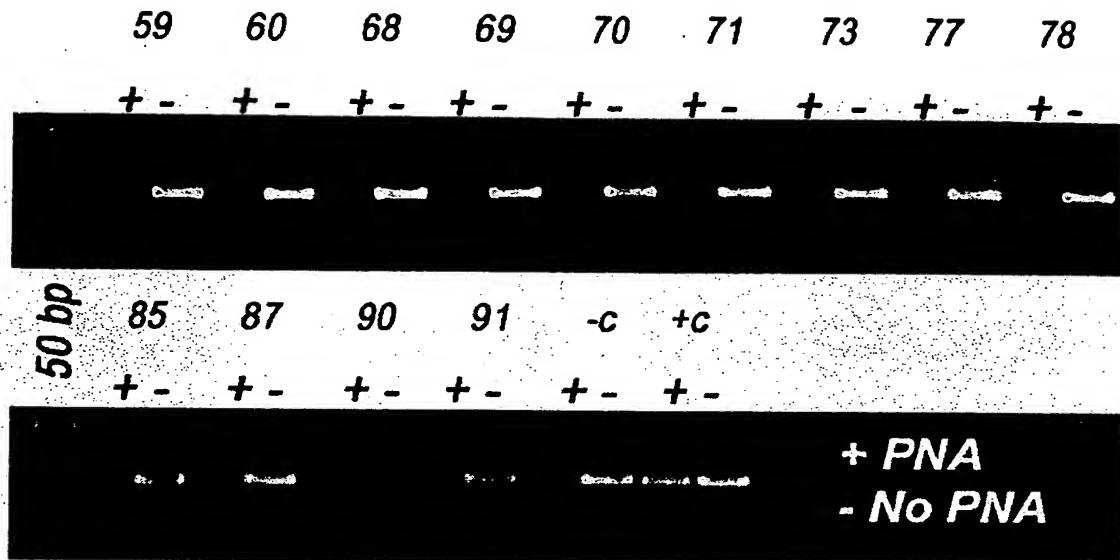


Figure 2A

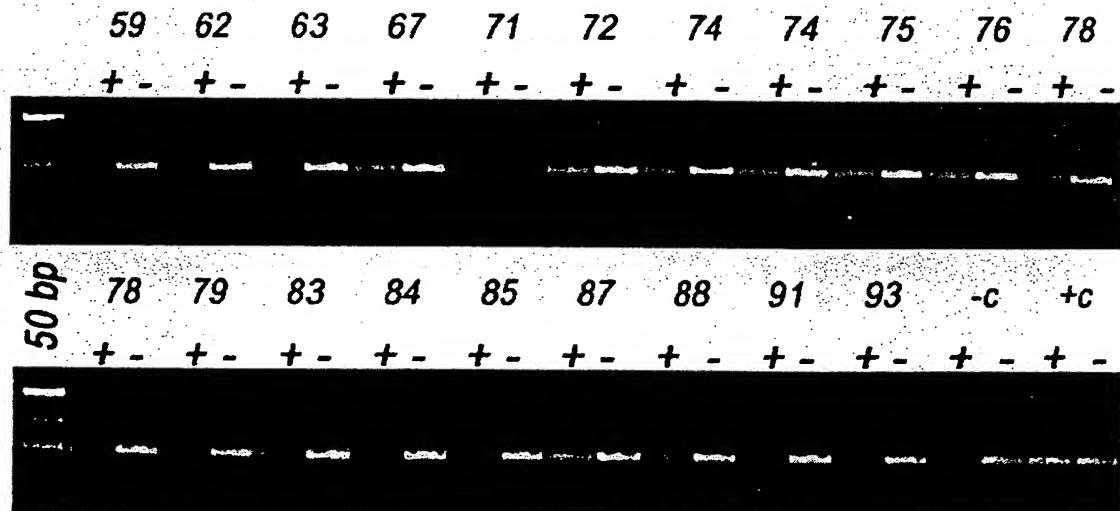


Figure 2B

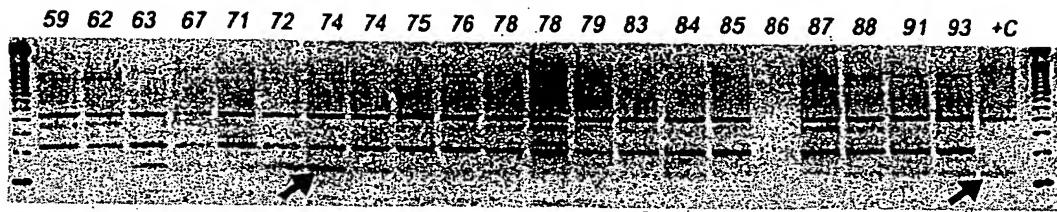


Figure 2 C

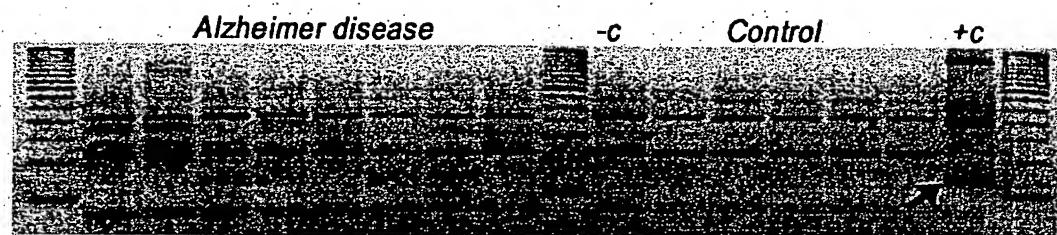


Figure 2D

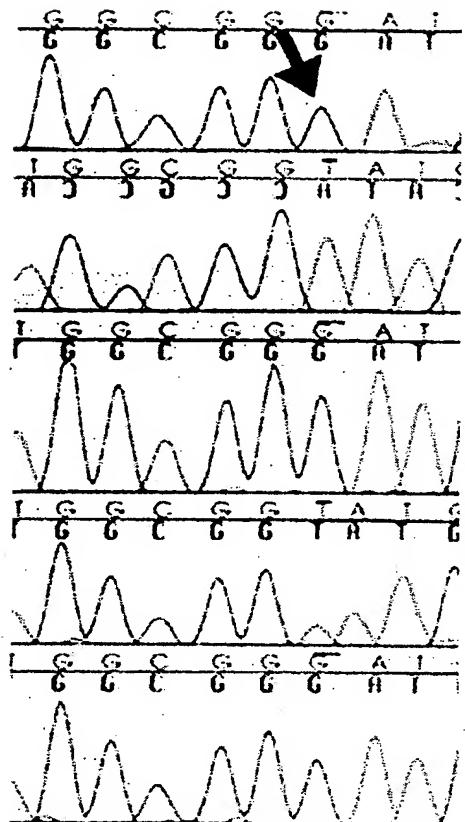


Figure 2E

5/9

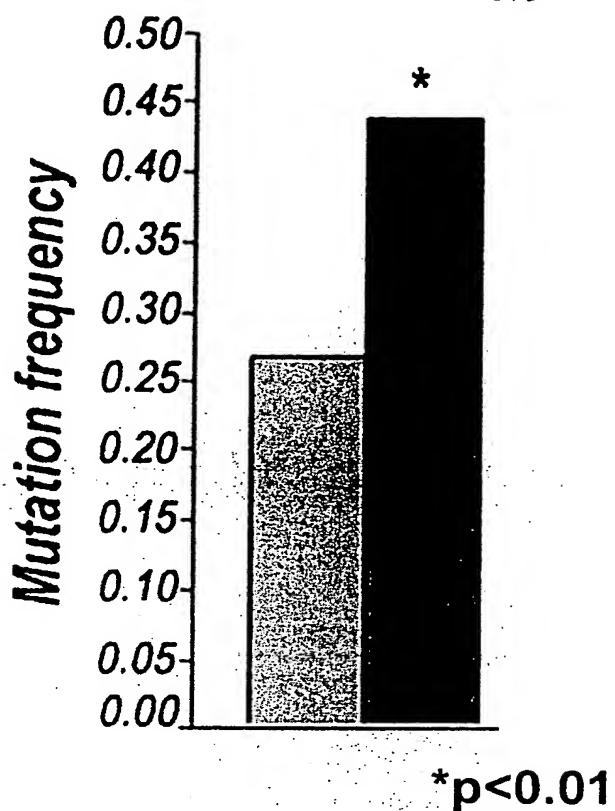


Figure 3A

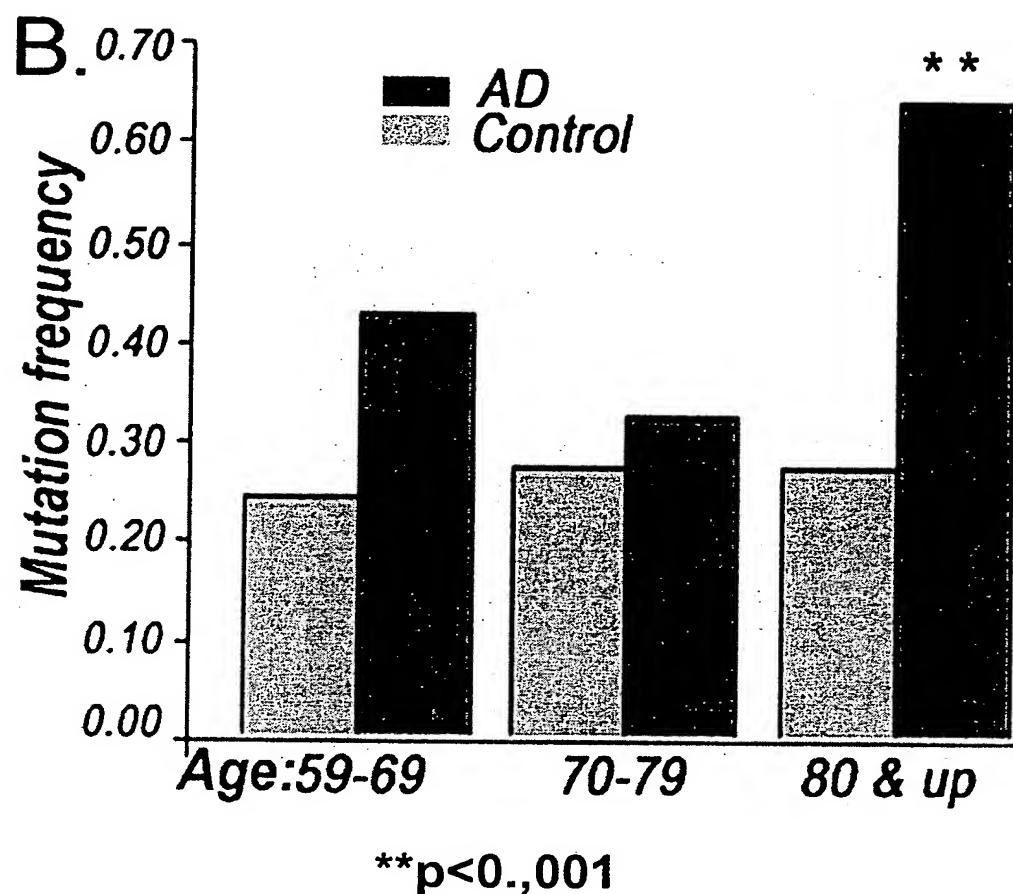


Figure 3B

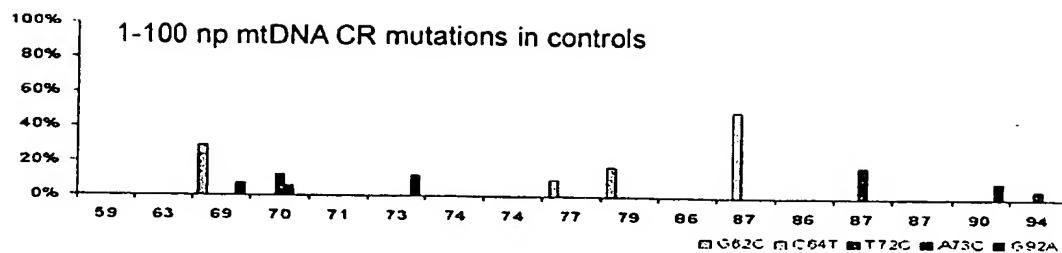


Figure 4A

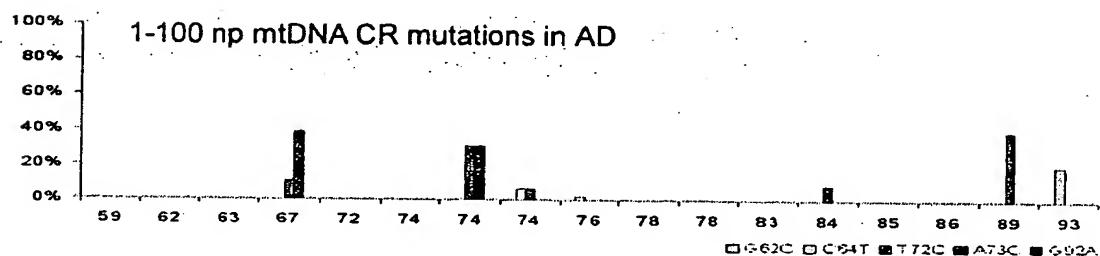


Figure 4B

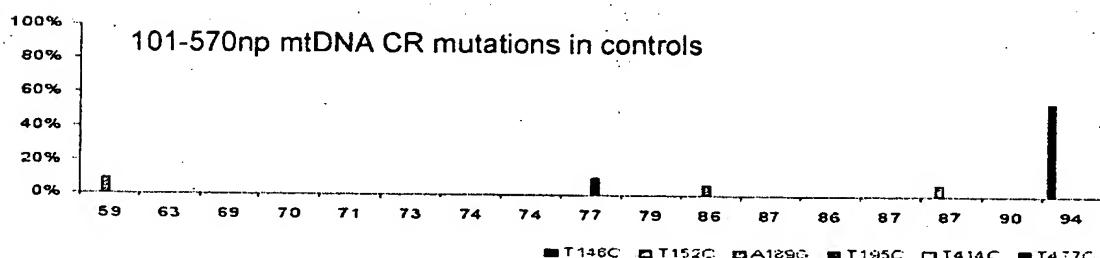


Figure 4C

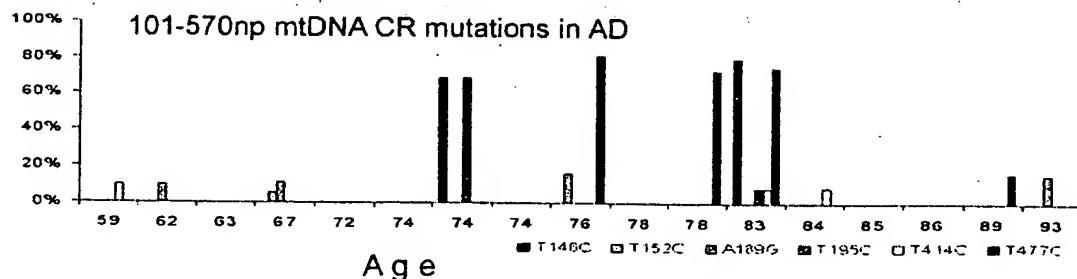


Figure 4D

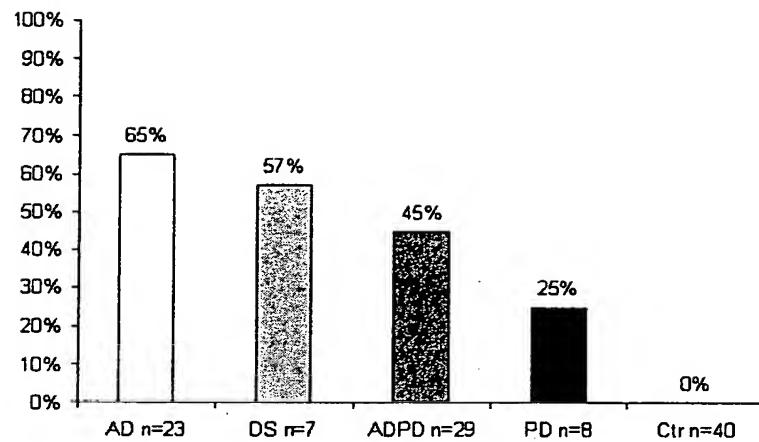


Figure 5

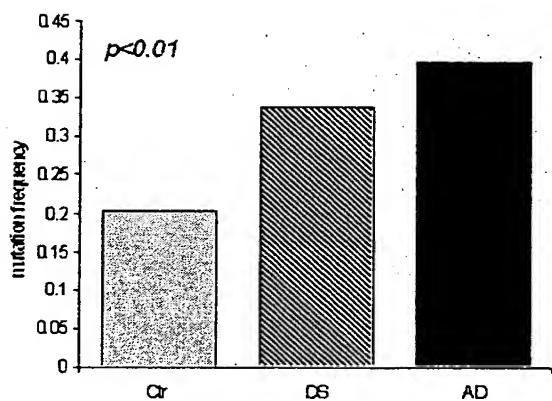
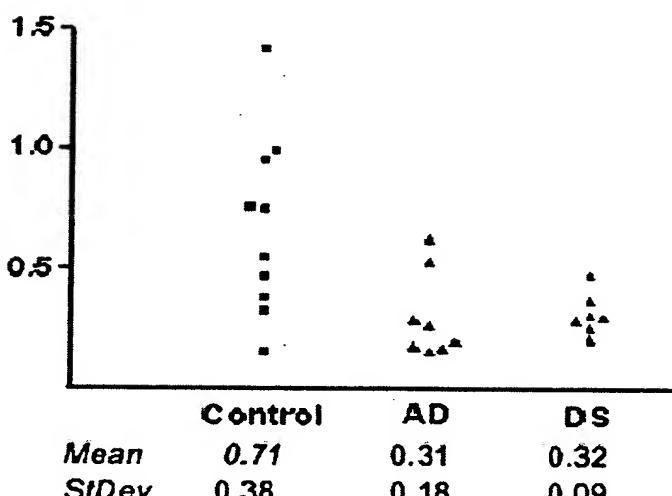


Figure 6

Map position	Description	Length	# of mutations in		
			DS	AD	Control
213-235	CSB I	22	1	0	0
233-260	mtTFA	27	2	2	0
276-303	mtTFA	27	2	2	1
299-315	CSB II	16	-	-	-
346-363	CSB III	17	1	0	1
392-445	LSP	53	4	4	0
418-445	mtTFA	27	2	3	0
523-551	mtTFA	27	1	1	0

Figure 7



* $p=0.02$ ** $p=0.018$

Figure 8

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record.**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.